

Notice of Allowability

Application No.

10/606,942

Examiner

Mahmoud Gimie

Applicant(s)

MINOURA ET AL.

Art Unit

3747

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed on 10/19/04.
2. ☒ The allowed claim(s) is/are 1-3 and 5-15.
3. ☒ The drawings filed on 27 June 2003 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance:

The primary reason for allowance of claims 1,6,8,11 and 15 is the inclusion of the limitations of

"A detachment preventing means for preventing the fuel injector from detaching from the fuel distribution pipe, the detachment preventing means including a single injector locking portion, which continuously extends along a part of a circumferential length of the fuel injector and is engaged with the lockable injector portion of the fuel injector, and two distribution pipe locking portions each of which extends from- a respective side portion of the injector locking portion toward the fuel outlet port and is engaged with a circumference of the fuel outlet port, so that the fuel inlet port will not be detached from the fuel outlet port when the fuel injector is shifted in a detaching direction thereof" in claim 1;

"Wherein the fuel outlet port includes a plurality of lockable projections for respectively engaging with the locking holes, each of which projects in a radial direction of the fuel outlet port from an outer circumference thereof; and both sides of each lockable projection are in parallel with a diametrical direction of the fuel outlet port or formed so that width of each lockable projection gets larger in a radial direction thereof." in claim 6;

"A clip for coupling the fuel distribution pipe and the fuel injector, the clip including a plurality of pipe locking parts engaged with the engagement parts of the fuel distribution

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pipe at top ends thereof and extending in a longitudinal direction of the fuel injector, and the clip further including an injector locking part unitarily connecting bottom ends of the pipe locking parts at a bottom side of the engagement part of the fuel injector and continuously extending in a direction perpendicular to the longitudinal axis of the fuel injector within an angular range of less than one half of a circumference of the fuel injector being in contact with the projection at one side thereof opposite to the fuel distribution pipe." in claim 8;

"A locking component including an injector locking portion, which is formed to bind the two flat side walls therein in a circumferential direction of the fuel injector and is engaged with the lockable injector portion of the fuel injector, and a pair of distribution pipe locking portions, each of which extends from a respective side portion of the injector locking portion toward the fuel outlet port and is engaged with a circumference of the fuel outlet port so that the fuel inlet port will not be detached from the fuel outlet port when the fuel injector is shifted in a detaching direction thereof." in claim 11; and

"A detachment preventing means including an injector locking portion, which continuously extends along a part of a circumferential length of the fuel injector and is engaged with the lockable injector portion of the fuel injector and a plurality of distribution pipe locking portions, each of which extends from a respective side portion of the injector locking portion toward the fuel outlet port and has a locking hole engaged with the lockable projection so that the fuel inlet port will not be detached from the fuel

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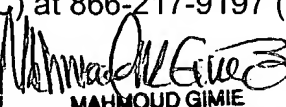
outlet port, wherein both sides of each lockable projection are in parallel with a diametrical direction of the fuel outlet port or formed so that a width of each lockable projection gets larger in a radial direction thereof. " in claim 15 that the prior art of record neither taught nor suggested.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mahmoud Gimie whose telephone number is 703-305-1037. The examiner can normally be reached on Tuesday-Friday between 7 a.m. -3:30 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Henry Yuen can be reached on 703-308-1946. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

 10/27/04
MAHMOUD GIMIE
PRIMARY PATENT EXAMINER
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